

M. A. R. 57 (Rule 116)
Measurement Book

No. B

490653

Final Bill

Serial Name of nature of Agency From To Date of commencement of work

Technical Manager (West) KRRM Bangalore
D.O. Recording 08.02.2019

Date 1	Full description, etc., of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	<u>Name of works</u> :-	Improvements to Roads and drains at 18th May Deput Muni Nwamappa Gout for K.G. Nelly and surrounding area in Ward no-12, Shellyhally sub-station					
	<u>Estimated cost</u> R	39.00 Lakh					
	<u>Work order no</u>	EE/BBmp/DD/WO/326/2017-18				dt	22.03.2018
	<u>DOB no</u>	012-18-000007					
	<u>Date of Commencement</u>	23-03-2018					

Date of Completion - 09-02-2019

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7
		Number 3	Length 4	Breadth 5	Depth 6	
①	Early work Excavation by manual means ordinary soil, involving average horizontal throw upto 2m and an average lift upto 1.5m. Excavate & surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods. Complete as per specifications of Directorate, Engineering - Chayal Ward. qty made MB. no 1787/13-4 p.n. 178641 = 257.90 yd 2175.96/4					13336.0
2)	Providing and laying in position plain cement concrete of max 1:4:8 with open cement 180 kgs 12m long					

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and down size graded granitic material coarse aggregate 0.15m ³ and base aggregate 0.57m ³ machine mixed concrete laid in layer with excesses items made well compacted in foundations including cost of all materials, labour, item of machinery running complete as per specifications and direction of Engineer-in-Charge work.						
	Qty made MB.No. 1787/13-14					
	Stn. ② = p.d. 178642 = 113.00m ³					
	C 5759.02/y ³					
						582969.26

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7
		Number 3	Length 4	Breadth 5	Depth 6	
③	Providing and laying in position reinforcement cement concrete of design mix 1:2:4 with opc cement @ 320 kg/m ³ with 20mm and downsize graded granite metal coarse aggregate 0-60 mm and fine aggregate @ 0-60 mm with super plasticizer @ 3ltr confirming to IS 9103:1995 or approved 2008 Machine mixed concrete laid in layers not exceeding 150mm thick vibrated for all works in fund ⁿ , for footing, pedestal, retaining walls, staircases, return walls including attached pilasters, column, pier, abutments, pillar, post structure etc complex.					

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Sl. No.	Full description, etc., of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	(a) for dress Bulding	1787	13-14				
	p. no. 17864. 25					102.44	
	(b) for dress Bulding	10x2	30.00	0.15	0.65	58.50	
	2x1	26.00	0.15	0.65	4.68		
	10x2	30.00	0.15	0.65	54.00		
	2x1	20.00	0.15	0.65	3.90		
	2x1	7.00	0.35	0.65	3.19		
	2x1	6.30	0.35	0.65	2.87		

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Remarks Measure
		Number 3	Length 4	Breadth 5	Depth 6		
	Dealings	1x1	7.00	1.50	0.23	2.4225	
	Ramp	1x1	6.30	1.50	0.23	2.17	
		1x1	7.00	0.50	0.10	0.35	
		1x1	6.30	0.50	0.10	0.31	
						234.6242	
						14.10 234.0000	
						E 6371.661	149,946.11
4)	Providing and removing centering, shuttering, strutting, propping etc and removal of form work for vertical surface such as walls at any thickness, including attached pilasters buttresses, plinth earth and string course, cost of all						

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Full description, etc, of work
2

Material, labour, etc
of Engineer's - ch

5) Providing and removing centering, shuttering, strutting, propping etc and removal of form work for vertical surface such as walls at any thickness, including attached pilasters buttresses, plinth earth and string course, cost of all

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7
		Number 3	Length 4	Breadth 5	Depth 6	
	<u>Deal Sls</u>	1x1	7.00	1.50	0.23	2.4243
		1x1	6.30	1.50	0.23	2.17
	<u>Ramp</u>	1x1	7.00	0.50	0.10	0.35
		1x1	6.30	0.50	0.10	0.31
						<u>234.8243</u>
						Let to 234.00
						e 6371.66
4)	Providing and removing centering, shuttering, strutting, propping etc and removal of form work for vertical surface such as walls at any thickness, including attached pilasters buttresses, plinth earth and string course, cost of all					

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490656

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Sl. No.	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Materials, labour, complete as per specifications and directions of Engineer-in-charge of work.						
		Qty made MB. NO.	1787	13-14			
		24 p.m.	178644	126043			391330.80
				E 30-50/14			
5)	Providing and steel reinforcement for RCC work including straightening, cutting, bending, hooking, placing in position, lapping and or welding wherever required, tying with binding wire and						

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Date 1	Full description, etc, of work 2	Dimensions				Contents 7
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	anchoring to the adjoining members wherever required complete as per design, casting materials, labour, haul of machinery complete as per specifications and directions of Engineer-in-charge work.					
						Qty of steel MB. 1784/13-14 4 ⑤ p. no - 17864 0 - 13-15 m/c @ 64243.425
6)	Providing and laying reinforced cement concrete precast slabs mix c.c 1:1 1/2:3 using 20mm down size graded granite metal using 14B 10mm dia steel @ 100mm c/c both ways complete as per specifications.					
	18m main Run of ch	10x1	30.00	0.75	-	225.00m ³

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Date 1	Full description, etc., of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಶಿಬ್ಬಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.	1x1 10x1 1x1 2x1 2x1 2x1 2x1	26.00 30.00 20.00 15.00 18.00 15.80 16.00	0.75 0.75 0.75 0.90 0.90 0.90 0.90	- - - - - - -	19.50 225.00 15.00 27.00 32.40 28.44 28.80	
				4x1	10	604/442	
						601.0042	10,09,680.00
						21680/1.2	
						Total Rs	4498079.95

Cledale
8/2/19

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶಿಬ್ಬಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7
		Number 3	Length 4	Breadth 5	Depth 6	
						Total Rs. 445245/- Add KRIDL charge 11% 49478 Grand Total: 494782 8/2/19 ಸಹಾಯಕ ಮುಖ್ಯ ಮಂಡಳಿ ಪಾಡರ್ ಸೆಕ್ಷನ್ ಬಿಬಿಎಂಪಿ, ಮೈಸೂರು.

Audited and admitted for Rs. 4992868 :-

Passed by Cheque for Rs. 445245 :-

(Forty Four Lakh, fifty two

thousand Four Hundred fifty seven

by 540411 :-

by 540411 :-

by 540411 :-

by 540411 :-

by 540411 :-

by 540411 :-

by 540411 :-

by 540411 :-

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490658

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Date	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Reed drain 320 mbs 18m main Road 326m Dept. 326m 17m main Road						

ಸಹಾಯಕ ಅಭಿವೃದ್ಧಿ ಇಲಾಖೆ
ಪಾಠ್ ನಂ. 12, ಶಿಬಿರ ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ
ಜಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು ಜಿಲ್ಲಾಕಟ್ಟೆ ಉಪವಿಭಾಗ, ರಾಜರಹಳ್ಳಿ ಪಟ್ಟಣ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.